# This Page Is Inserted by IFW Operations and is not a part of the Official Record

# **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

### IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

7/17/00

# IN THE UNITED STATES PATENT AND TRADEMARK-OFFICE

Application of

Rozenberg, et al.

Serial No.

10/049,871

Filed

February 12, 2002

For

Targeted Artificial Gene Delivery

Group

Unassigned

Examiner

Unassigned

Commissioner of Patents and Trademarks Washington, D.C. 20231

#### **PETITION UNDER 37 C.F.R. 1.42 AND 37 C.F.R. 1.47**

SIR:

This is a Petition Under 37 C.F.R. 1.42 and 37 C.F.R. 1.47 to accept the declaration and power of attorney of the above-identified application without the signature of Viacheslav Medvedkin.

The above-identified application was filed unexecuted on February 12, 2002 in the names of Yanina Rozenberg, Viacheslav Medvedkin, and W. French Anderson.

On May 21, 2002, a declaration and power of attorney form and an assignment to the University of Southern California were sent to W. French Anderson, with instructions for Dr. Anderson and his co-inventors to execute the declaration and power of attorney form and the assignment.

After Dr. Anderson received the declaration and power of attorney form and the assignment, the University of Southern California informed Applicants' attorney that Viacheslav Medvedkin died early in 2002, and that Dr. Medvedkin's body was returned to Russia for burial. The University of Southern California also informed Applicants' attorneys that it could not locate any of Dr. Medvedkin's family or the executor of his estate.

#3

In light of the above facts, it is respectfully requested that the declaration and power of attorney of the above-identified application be accepted with the signatures of Yanina Rozenberg and W. French Anderson, and without the signature of Viacheslav Medvedkin, who is deceased, and for whom no legal representative can be located.

Respectfully submitted,

Raymond J. Lillie

Registration No. 31,778

#147016 v1



#### UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT United States Patent and Trademark Office Washington, D.C. 20231

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY	ATTY. DOCKET NO.	
10/049,871	Yanina Rozenberg		1010-473	
•		INTERNATIONAL APP	LICATION NO.	
7162		PCT/US00/2	22619	
CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI.		I.A. FILING DATE	PRIORITY DATE	

27162 CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN 6 BECKER FARM ROAD ROSELAND, NJ 07068

08/18/2000

Date Mailed: 05/14/2002

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Request for Immediate Examination

tq	the United States Patent and Trade	mark
ı	DATE RECEIVED: 5/20/09	l
1	DATES ENTERED: US-Missa Part	b
1	n	1
1	2) 6/14/02 - Imo Menundia 3) 7/14/02 - 8 mo Du Det	
	3) 2/14/08- 8 mo Du Dato	
ı	4)	
ı	5)	
ı	6)	
1	DOCKETED BY JUM	
ı	DATE:	
ı		
1	t	

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application
  by the International application number and international filing date. The current oath or declaration does
  not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response,

#### DARRELL C COTTMAN

Telephone: (703) 305-3693

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/049,871	PCT/US00/22619	271010-473

FORM PCT/DO/EO/905 (371 Formalities Notice)

# IN THE UNITE STATES PATENT AND TRADEMARK OFFICE

### **Patent Examining Operations**

Applicant(s):

Rozenberg, et al.

27162
PATENT TRADEMARK OFFICE

Serial No:

10/049,871

Art Unit: Unassigned

Filed:

February 12, 2002

Examiner: Unassigned

Title:

**Targeted Artificial Gene Delivery** 

Docket No.:

271010-473

Customer No.: 27162

#### TRANSMITTAL LETTER

Commissioner for Patents Washington, D.C. 20231

SIR:

Enclosed please find the following:

- 1. Declaration and Power of Attorney executed by Yanina Rozenberg and W. French Anderson;
- 2. Assignment Cover Form;
- 3. Assignment (executed);
- 4. Petition Under 37 CFR 1.42 and 1.47;
- 5. Notification of Missing Requirements Under 35 U.S.C. 371;
- 6. Check No. 7962 in the amount of \$300.00; and
- 7. A self-addressed, postage paid, return receipt postcard, date stamp and return of which is respectfully requested.

The Commissioner is authorized to charge payment of any additional filing fees required under 37 C.F.R. 1.16 associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

#### FIRST CLASS CERTIFICATE

I hereby certify that this correspondence is being deposited today with the U.S. Postal Service as First Class Mail in an envelope addressed to:

Commissioner for Patents Washington ∩D.C. 2023₁/ /

Raymond J. Lillie, Esq.

Data

Respectfully submitted

Raymond J. Lillie, Esq.

Reg. No. 31,778

CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN

Six Becker Farm Road

Roseland, New Jersey 07068

T: (973) 994-1700

F: (973) 994-1744



As a below named inventor I hereby declare that:

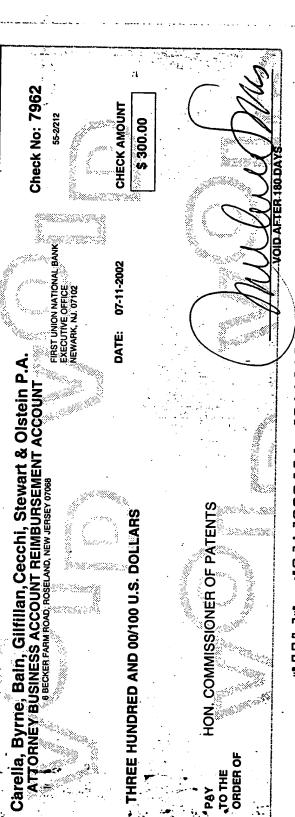
My residence, post office address and citizenship are as stated below next to my name.

I believe I am the toriginal, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

		TARGETED ARTIFICIAL	GENE DELIVERY	•	
the specification of wand was amended or	vhich	hereto or 🛛 was filed o	on 12 February 2	2002 as Application Ser	rial No. <u>10/049,871</u>
I hereby state that I had amended by any ame	nave reviewed and ur endment referred to a	nderstand the contents of above.	of the above iden	tified specification, inclu	iding the claims, as
I acknowledge the d Title 37 Code of Fede	uty to disclose inforneral Regulations Sect	nation which is material tion 1.56(a).	to the patentab	oility of this application i	in accordance with
or inventor's certification	te listed below and h	ler Title 35 United State ave also identified below cation on which priority	w any foreign an	plication for patent or in	ventor's certificate
PCT/US00/226	10				Priority Claimed
(Number)		WO (Country)	<del></del>	18 August 2000	Yes No
•		(Country)  United States Code Sec		Day/Month/Year Filed)	$\boxtimes$
the duty to disclose n	naterial information a	latter of each of the cla by the first paragraph of is defined in Title 37 Co	of Title 35 United de of Federal Re	d States Code Section 1 Section 1 566	112 I acknowledge
			PCT internationa	I filing date of this applic	cation:
09/377,153	•	19 August 1999	PCT internationa	Il filing date of this applic pending	cation:
09/377,153 (Application Serial N	lo.)		PCT internationa	I filing date of this applic	-
09/377,153	lo.)	19 August 1999	PCT internationa (Status – per	Il filing date of this applic pending	pending, abandoned)
(Application Serial N  (Application Serial N  (Application Serial N  I hereby appoint the fo Trademark Office conne 24,025); Raymond J. Lil No. 22,280); Glennon (	lo.)  Illowing attorney(s) and ected therewith: John N lile (Reg. No. 31,778); NG. Troublefield (Reg. Nond J. Lillie, Esq., c/o	19 August 1999 (Filing Date)	(Status – pen (Status – pen (Status – pen this application a John G. Gilfillan, II 5,378); Alan J. G	pending ding provisional, patented, p ding provisional, patented, p ding provisional, patented, p ding provisional, patented, p nd to transact all busines I (Reg. No. 22,746); Elliot l rant (Reg. No. 33,389); Frant (Reg. No. 33,389); Frant (Reg. No. 34,7109)	pending, abandoned) pending, abandoned) as in the Patent and M. Olstein (Reg. No. ancis C. Hand (Reg.
(Application Serial N  (Application Serial N  (Application Serial N  I hereby appoint the fo Trademark Office conne 24,025); Raymond J. Lil No. 22,280); Glennon (telephone calls to Raym NJ 07068 - (973) 994-1  I hereby declare that all believed to be true; and punishable by fine or im	lo.)  Illowing attorney(s) and ected therewith: John N lile (Reg. No. 31,778); N GTroublefield (Reg. No. 700.  Statements made hereifurther that these statel prisonment or both und	19 August 1999 (Filing Date)  (Filing Date)  I/or agent(s) to prosecute I. Bain (Reg. No. 18,651); (William Squire (Reg. No. 2	(Status – pen (Status – pen (Status – pen this application a John G. Gilfillan, II 5,378); Alan J. Gil E. Stauffer (Reglan, Cecchi, Steware true and that all sknowledge that we of the United States	pending pending ding provisional, patented, p ding provisional, patented ding provisional, patented ding provisional, patented, p ding provisional, p ding p ding provisional, p ding p	pending, abandoned)  pending, abandoned)  is in the Patent and M. Olstein (Reg. No. ancis C. Hand (Reg. correspondence and rm Road, Roseland,
(Application Serial N  (Application Serial N  (Application Serial N  I hereby appoint the fo Trademark Office conne 24,025); Raymond J. Lil No. 22,280); Glennon (telephone calls to Raym NJ 07068 - (973) 994-1  I hereby declare that all believed to be true; and punishable by fine or im	lo.)  Illowing attorney(s) and ected therewith: John N llie (Reg. No. 31,778); N G. Troublefield (Reg. No. 700.  Statements made hereifurther that these state prisonment or both und lity of the application or	19 August 1999  (Filing Date)	(Status – pen (Status – pen (Status – pen this application a John G. Gilfillan, II 5,378); Alan J. Gil E. Stauffer (Reglan, Cecchi, Steware true and that all sknowledge that we of the United States	pending pending ding provisional, patented, p ding provisional, patented ding provisional, patented ding provisional, patented, p ding provisional, p ding p ding provisional, p ding p	pending, abandoned)  pending, abandoned)  is in the Patent and M. Olstein (Reg. No. ancis C. Hand (Reg. correspondence and rm Road, Roseland,
(Application Serial N  (Application Serial N  (Application Serial N  I hereby appoint the fo Trademark Office connects, 24,025); Raymond J. Lil No. 22,280); Glennon (telephone calls to Raym NJ 07068 - (973) 994-1  I hereby declare that all believed to be true; and punishable by fine or immay jeopardize the valid	lo.)  Illowing attorney(s) and ected therewith: John N llie (Reg. No. 31,778); N G. Troublefield (Reg. No. 700.  Statements made hereifurther that these state prisonment or both und lity of the application or	(Filing Date)  (Filin	(Status – pen (Status – pen (Status – pen this application a John G. Gilfillan, II 5,378); Alan J. Gil E. Stauffer (Reglan, Cecchi, Steware true and that all sknowledge that we of the United States	pending pending ding provisional, patented, p ding provisional, patented ding provisional, patented ding provisional, patented, p ding provisional, p ding p ding provisional, p ding p	pending, abandoned)  pending, abandoned)  is in the Patent and M. Olstein (Reg. No. ancis C. Hand (Reg. correspondence and rm Road, Roseland,
(Application Serial N  (Application Serial N  (Application Serial N  I hereby appoint the fo Trademark Office conne 24,025); Raymond J. Lil No. 22,280); Glennon ( telephone calls to Raym NJ 07068 - (973) 994-1  I hereby declare that all believed to be true; and punishable by fine or im may jeopardize the valid  Full name first inventor:	lo.)  Illowing attorney(s) and ected therewith: John N llie (Reg. No. 31,778); N G. Troublefield (Reg. No. 700.  Statements made hereifurther that these state prisonment or both und lity of the application or	(Filing Date)  (Filin	(Status – pen (Status – pen (Status – pen this application a John G. Gilfillan, II 5,378); Alan J. Gil E. Stauffer (Reglan, Cecchi, Steware true and that all sknowledge that we of the United State	pending pending ding provisional, patented, p ding provisional, p ding p ding provisional, p ding p ding p ding p ding provisional, p ding p	pending, abandoned) pending, abandoned, abandon

USSN: 10/049,871 Full name of second inventor: Viacheslav Medvedkin Inventor's signature Date Residence Los Angeles, California Citizenship Russia Post Office Address 160 Virgil, Apartment 110, Los Angeles, California 90004 Full name of third inventor: W. French Anderson Inventor's signature Date Residence San Marino, California Citizenship United States of America Post Office Address 960 Oxford Road, San Marino, California 91108 #141663 v1

Declaration and Power of Attorney



Hel Office Control of

です。文章のでは古典できた。そうので、の文章のではなる。 のでは、文章のでは、できないでは、そうので、の文章のでは、できないできないでは、「これでは、1980年代のできない。」できないでは、1980年代のできないできない。

" THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER.

"7962" ::021200025: 201131020718"

(Suspended Amounts)

			-		estado deste e for	
		•		703		
	• •	1		72		
				イサー	;	
	•			<u>u</u> -:		
	•			•		
	•			• • • • • • • • • • • • • • • • • • • •		
		٠.			٠	
<b>—</b>					•	
	:					
				1 (2 La		
				4.9		
<b>U</b>				7		
				117	·	
	·			SON TO SON	·	
				8360°0		
	. •			0		
<b>~</b>				5		•
₹.				3		
		•		a .		•
		• • •		69	6A ·	<del>69</del>
						97
387	•	•				
-				_ '		
		•		999	999	999
	•			2	2	<b>2</b>
				<b>5</b> \	5	2
		•				
		•				
	, <del>, , , , , , , , , , , , , , , , , , </del>		1			
	· <del></del>			-		
	·			nt.		
	3 <del></del>			Jrnt		
		•		8-tenti		
		•		Bart		
		•		7 B tent		
				1 Jakentil		
ĞC .		•		1 Jakent 1 Lis		
		•		1 Justen 1 1686		
		•		Hudfal / Husbh		
Dese				2498717 BARNTI		
Gessel				1 Justen / Justen + 100		
lessec				100496/16862001		
Ocessed				1004987178tent		
Müdessen				2 10049871/7 Btent		
7.Lukesketi				72 100498717 Brent		
				en 2 100498717 Btent		
				TRME 10049871/78tent		
				3yRMZ 10049871/7 Btent		
				ByRKE 10049871/78tenti		
				3. ByRn E 100498717 BARNT		
				SSandara 100498717 BARNTISSANDARD		
				B. ByRne 10049871 78tent		
				SSandara 10049871/7 Btent		
				SSandara 10049871/7 Ratenti		
				SSandara 10049871/7 Retent		
				P ByRn = 10049871/78tent		
				CP ByRKE 10049871/78tent		

Revised 6/9/97

<del>69</del>

999